internal resistance thereof, an RLC circuit close to the resonance is formed.--

REMARKS

Attached hereto is a marked-up version of the changes made to the Abstract and claims by the current amendment. The attached pages are captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

YOUNG & THOMPSON

By _____

Thomas W. Perkins
Attorney for Applicants
Registration No. 33,027
745 South 23rd Street
Arlington, VA 22202
Telephone: 703/521-2297

January 3, 2002

MARKED-UP VERSION OF CHANGES MADE TO THE CLAIMS

3. Device according to ~~one of Claims 1 or 2~~ claim 1, characterized in that the supply means (1) are connected to the work circuit via a voltage transformer (T_1).

4. Device according to ~~one of the preceding Claims~~ claim 1, characterized in that the inductance (L_s) arranged between the output terminals (S_1,S_2) of the work circuit is such that, with the intrinsic capacitance of the handpiece (5) and the internal resistance thereof, an RLC circuit close to the resonance is formed.--

MARKED-UP VERSION OF CHANGES MADE TO ABSTRACT

ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A power assistance device for an ultrasonic dental handpiece (5). ~~Said device comprises~~ includes a working circuit ~~comprising~~ with a parallel impedance (Ls) between the output terminals (S1,S2) and a control circuit ~~which consists of~~ with a current transformer (T2), ~~whereby~~ the primary winding (7) thereof is serially arranged in the working circuit and the secondary winding (11) thereof forms an RLC circuit in conjunction with a capacitor (13) and a resistor (15) associated therewith., ~~whereby the~~ The voltage of ~~said~~ the circuit at the terminals of the resistor (15) is transmitted to the input of ~~the above-mentioned~~ a power supply (1). The control circuit ~~comprises means enabling~~ enables variations in the value of the capacitor (13) and/or the value of the self-inductance coil of the secondary winding (11) of the transformer (T2).